# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Saturday 22 May 2021 until 23:59 on Sunday 23 May 2021

Forecast Issued on Saturday 22 May 2021 at 04:04

**Confidence:** Moderate to high in overall trend, lower confidence in detail of showers.

**Headline for Saturday 22 May 2021:** Rain clearing, then cloud lifting and breaking to allow sunny intervals, but with afternoon showers. Winds easing.

**Mountain weather hazards on Saturday 22 May 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Light rain | Dull | Cloudy | Light rain showers | Sunny intervals | Clear night |
| Precipitation probability | | | | | |
| 60% | 30% | 10% | 60% | 10% | 00% |

**Forecast for Saturday 22 May 2021**

**Weather:** Overcast at first with hill tops shrouded in cloud. Outbreaks of light rain will ease this morning, then staying cloudy. This afternoon the cloud breaks, allowing sunny intervals to develop along with scattered showers. Later this afternoon the showers will die away, leaving a dry and clear evening with temperatures quickly falling. Strong winds at first will ease.

**Chance of cloud free mountain/hill tops above 600m:** Around 20 percent at first, becoming 100 percent as cloud lifts and breaks this afternoon.

**Visibility:** Good occasionally moderate in rain at first, but very limited visibility in widespread fog on peaks. Becoming very good at all levels this afternoon, with distant hills discernible.

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# Mountain Weather Forecast

**Forecast for Saturday 22 May 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/13 W | 11/14 NW | 12/18 W | 15/21 W | 16/22 W | 14/21 W | 12/17 SW |
| **300** | 9/12 W | 9/13 NW | 10/16 W | 11/18 NW | 13/20 W | 9/17 W | 8/12 SW |
| **Valley** | 8/13 NW | 7/13 NW | 8/15 NW | 10/19 W | 11/21 W | 7/16 W | 4/11 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 2/-2 | 3/-2 | 5/0 | 5/1 | 5/1 | 4/-1 | 3/-2 |
| **300** | 4/1 | 5/2 | 7/4 | 8/5 | 8/4 | 6/3 | 5/2 |
| **Valley** | 6/3 | 6/4 | 9/6 | 10/8 | 9/6 | 6/4 | 5/4 |
| **Freezing Level*** | 1000m | 1000m | 1100m | 1000m | 900m | 1000m | 1000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling unseasonably cold with low single figure temperatures on peaks.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sat 22 May 2021 | 36.8mm | 43mm | N/A |

**Forecast for Sunday 23 May 2021**

**Weather:** Clear and cold overnight, with possibly a slight ground frost. Sunny spells, and broken cloud, and perhaps a few showers during the morning. Cloud increases through the afternoon, with a band of heavy rain moving east through the evening, accompanied by hill fog and strong winds. Late evening the rain clears, and broken cloud and scattered showers follow.

**Maximum wind:** Southerly winds will strengthen to near gale, with gusts to 45 mph in periods of rain later.

**Chance of cloud free mountain/hill tops above 600m:** 90 percent becoming 20 percent in heavy rain later.

**Visibility:** Mainly good or very good, locally moderate in showers ahead of and following the rain. Becoming poor in heavy rain, and very poor with limited visibility in widespread fog at higher altitudes.

**Temperature:** **Valleys:** 3 deg becoming 12 deg C
**At 600m:** 2 deg C becoming 6 deg C
**Freezing level:** Above the peaks.

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